

Material Grade: **1.7220**

Associated Standard: **Werkstoff**

1. STEELMAKING

	<u>C</u>	<u>Si</u>	<u>Mn</u>	<u>S</u>	<u>P</u>	<u>Cr</u>	<u>Mo</u>
Min	0.30		0.60			0.90	0.15
Max	0.37	0.40	0.90	0.035	0.035	1.20	0.30

2. TYPICAL MECHANICAL PROPERTIES

Test type			Tensile and hardness test (at room temperature)					Impact test (KV)	
			Yield (Re)	0.2 % proof	UTS (Rm)	Elong (A)	R of A (Z)	Hardness	Room Temp
Variation	Sample dia	Unit	<i>N/mm2</i>	<i>N/mm2</i>	<i>N/mm2</i>	<i>%</i>	<i>%</i>	<i>HB</i>	<i>J</i>
Q + T	> 101 ≤ 160	Min		500	750	15	55		45
		Max			900				